

Colin X. Schuh

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Education

UNIVERSITY OF KENTUCKY

Bachelor of Science in Computer Science & Mathematics

Relevant Coursework: Systems Programming, Data Structures and Algorithms, Machine Learning, Linear Algebra, Multivariable Calculus, Analysis.

Lexington, KY

May 2024

GPA: 3.2

Technical Skills & Projects

Programming: Python, JavaScript, TypeScript, C/C++, C#

Technical Skills: ReactJS, NextJS, HTML, Vanilla CSS, TailwindCSS, MySQL, Git, ROS

Portfolio Website - <https://myportfolio-ebon-ten.vercel.app/>

Created a personal portfolio website using ReactJS, NextJS, TailwindCSS, & TypeScript. Implemented a component-based architecture in React, creating reusable UI components and maintaining a clean and organized codebase, enhancing maintainability and scalability.

CS 498 Secure Web Application

Developed a robust full-stack loan payment tracking web application, leveraging Supabase as the backend solution, complete with secure user authentication. This enabled users to securely manage their loan repayments while ensuring data privacy and access control.

Work Experience

RIVERBEND MUSIC CENTER

Maintenance Associate

Cincinnati, OH

March 2019 – March 2020

- Conducted routine inspections and maintenance to ensure the overall safety and functionality of the venue.
- Efficiently managed repair and maintenance requests in a timely manner, resolving issues such as broken fixtures & malfunctioning equipment.

Leadership & Involvement

KENTUCKY ORGANIZATION OF ROBOTICS & AUTOMATION (KORA)

Treasurer / Software Lead

Lexington, KY

October 2022 – Present

- Designed and built autonomous and user-controlled robots to compete in national competitions.
- Competed in Alabama Robotic Mining Competition 2023 in Tuscaloosa, AL.
- Successfully pitched KORA initiatives to local investors at Wildcat Cage 2023, securing \$4,700 in funding for club projects.
- Programmed microcontroller boards in Arduino IDE.
- Created a web app for a 4-player teamwork mini game for Engineering Day (E-Day) 2023.
- Volunteered with other club members to referee First Robotics competition.
- Developed technical skills in areas such as mechanical design, electronics, and control systems.
- Gained experience in project management, budgeting, and resource allocation to successfully deliver projects on time and within budget.

SNOWCATS EXTREME OUTDOORS CLUB

Member

Lexington, KY

November 2022 – Present

- Participated in various outdoors activities, including skiing, hiking, & ziplining.
- Collaborated with a diverse group of individuals, fostering teamwork and camaraderie.
- Actively engaged in club initiatives, such as organizing and participating in outreach events, fostering a sense of community and shared knowledge among members.

SMILE CLUB

Member

Lexington, KY

August 2022 – Present

- Participated actively in a suicide prevention and awareness organization dedicating time to eliminate the stigma of mental health.
- Contributed to the organization's fundraising and donor engagement initiatives to ensure ongoing support for suicide prevention.
- Collaborated with peers to organize and facilitate events such as guest speakers, fundraisers, and outreach campaigns aimed at spreading awareness for mental health.

References available upon request.